



# Renault Solar Project

Several locations, France

The world's largest system in the automotive industry, with Trina Solar modules

- TSM-PC05
- 400.000 square meters surface

**59<sup>MW</sup>**

System

**200<sup>T</sup> CO<sub>2</sub>**

Emissions avoided

**225.350**

Modules

**Commercial  
rooftop PV  
system**

**The system is the world's largest in the automotive industry with 400.000 square meters of Trina Solar modules, equal to 60 soccer pitches**

Renault's Project is the World largest project in the automotive industry, with 400.000 square meters of Trina Solar modules, equal to 60 soccer pitches. In total, 225.350 modules have been installed.

Photovoltaic panels are located at six of its French production sites -all certified with ISO 14001- in Douai, Maubeuge, Flins, Batilly, Sandouville and Cléon, specially in delivery and shipping centres and employee parking areas.

Trina Solar modules of the entire surface develop total power of 59 MW and are able to produce 52.000.000 kWh of electricity per year, enough for supplying needs of a 15.000 people town.

With Trina Solar installation, Renault will reduce to 200 tons in the CO<sub>2</sub> emitted annually by electric Engine production, calculated on the basis of the energy mix in France, the equivalent of 550 round-the World- trips by an internal-



combustion Vehicle emitting an average of 100 g/km of or a fleet of roughly 1.500 vehicles each travelling 15.000 km a year.

The photovoltaic system also showcases the group's expertise in renewable energies. Sustainable rating agencies have ranked Renault for several years among the most virtuous companies in terms of environmental management.

The initiative is also an innovative way of protecting new vehicles before delivery to the sales network because it limits damages caused by hail, storm or impacts. Trina Solar modules provide high efficiency also with less solar radiation, with cloudy sky or even with snow.

The photovoltaic project was certified with ISO 9001 and ISO 14001.